

What is TSMO? ODOT uses practical transportation systems management and operations (TSMO) solutions to address immediate safety and congestion problems.

Why Do We Need It? Ohioans expect to get to their destinations safely and on time. They want us to solve congestion problems right now.

Project: I-670 Smart Lane (Columbus)

Goal

Reduce congestion and improve travel times during rush hours from downtown Columbus where many residents work to the east side of Columbus where many residents live.



✗ The Traditional Solution

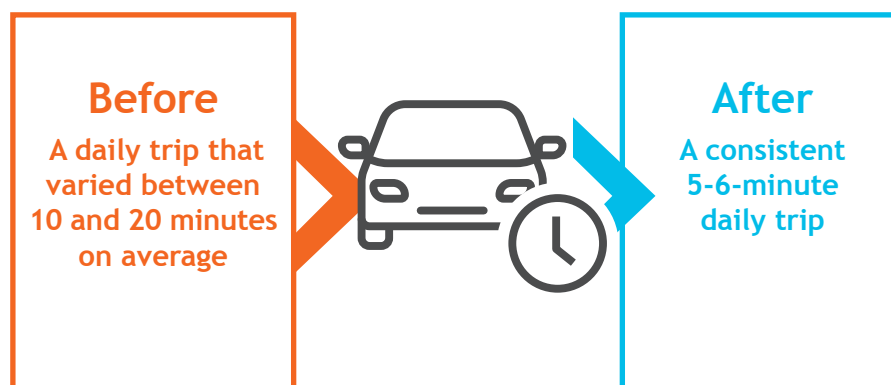
Widen the existing four-mile-long, four-lane roadway using a traditional design approach and wait multiple years for funding to construct.

✓ The TSMO Solution

Open the roadway shoulder during peak travel times for use as an additional lane when motorists need congestion relief the most.

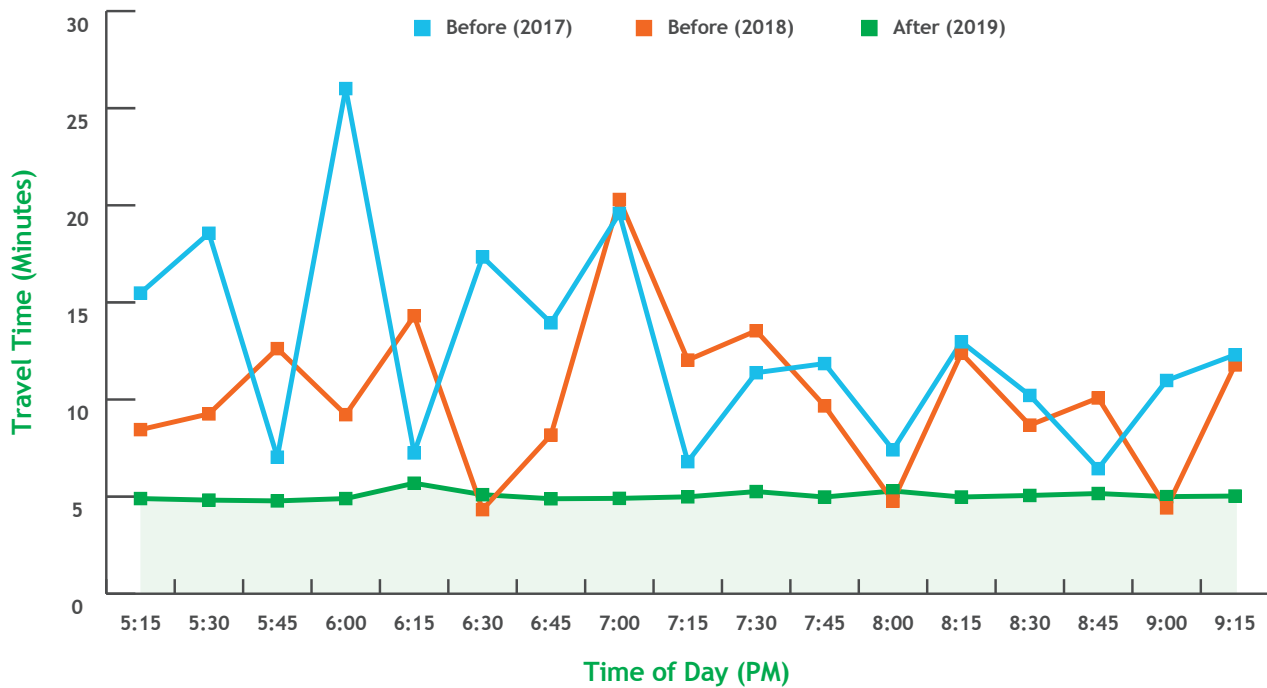
Results

TRAVEL TIME RELIABILITY



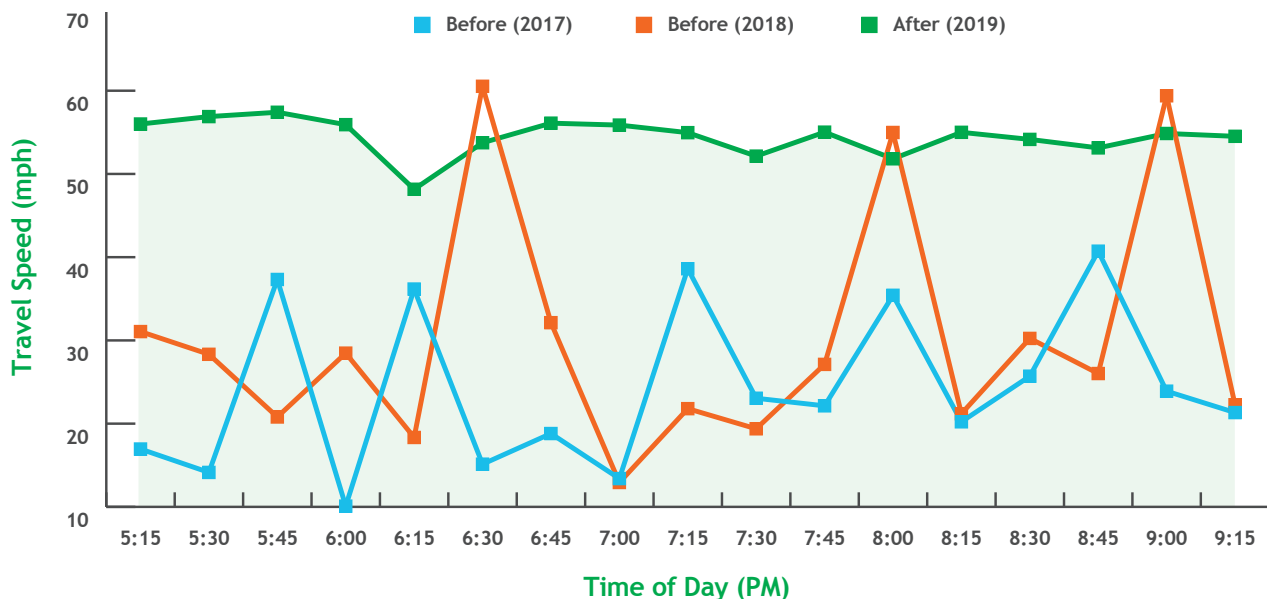
The Pay Off

Travel Time Savings



Average travel time has been reduced from 20 minutes to five minutes

More Predictability



Average speed has become more consistent and reliable

**ODOT used TSMO solutions to make
an *unpredictable* commute a *reliable* one.**